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LOGINID:SSPTAJHM1624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * *

| | |
|----------------|--|
| NEWS 1 | Web Page for STN Seminar Schedule - N. America |
| NEWS 2 JAN 02 | STN pricing information for 2008 now available |
| NEWS 3 JAN 16 | CAS patent coverage enhanced to include exemplified prophetic substances |
| NEWS 4 JAN 28 | USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats |
| NEWS 5 JAN 28 | MARPAT searching enhanced |
| NEWS 6 JAN 28 | USGENE now provides USPTO sequence data within 3 days of publication |
| NEWS 7 JAN 28 | TOXCENTER enhanced with reloaded MEDLINE segment |
| NEWS 8 JAN 28 | MEDLINE and LMEDLINE reloaded with enhancements |
| NEWS 9 FEB 08 | STN Express, Version 8.3, now available |
| NEWS 10 FEB 20 | PCI now available as a replacement to DPCI |
| NEWS 11 FEB 25 | IFIREP reloaded with enhancements |
| NEWS 12 FEB 25 | IMSPRODUCT reloaded with enhancements |
| NEWS 13 FEB 29 | WPINDEX/WPIIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification |
| NEWS 14 MAR 31 | IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats |
| NEWS 15 MAR 31 | CAS REGISTRY enhanced with additional experimental spectra |
| NEWS 16 MAR 31 | CA/Caplus and CASREACT patent number format for U.S. applications updated |
| NEWS 17 MAR 31 | LPCI now available as a replacement to LDPCI |
| NEWS 18 MAR 31 | EMBASE, EMBAL, and LEMBASE reloaded with enhancements |
| NEWS 19 APR 04 | STN AnaVist, Version 1, to be discontinued |
| NEWS 20 APR 15 | WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats |
| NEWS 21 APR 28 | EMBASE Controlled Term thesaurus enhanced |
| NEWS 22 APR 28 | IMSRESEARCH reloaded with enhancements |
| NEWS 23 MAY 30 | INPAFAMDB now available on STN for patent family searching |
| NEWS 24 MAY 30 | DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option |
| NEWS 25 JUN 06 | EPFULL enhanced with 260,000 English abstracts |
| NEWS 26 JUN 06 | KOREPAT updated with 41,000 documents |
| NEWS 27 JUN 13 | USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications |
| NEWS 28 JUN 19 | CAS REGISTRY includes selected substances from web-based collections |
| NEWS 29 JUN 25 | CA/Caplus and USPAT databases updated with IPC reclassification data |
| NEWS 30 JUN 30 | AEROSPACE enhanced with more than 1 million U.S. patent records |
| NEWS 31 JUN 30 | EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated |

NEWS 32 JUN 30 organizations
STN on the Web enhanced with new STN AnaVist
Assistant and BLAST plug-in
NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPFULL

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 13:49:00 ON 08 JUL 2008

=> file registry
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

| | SINCE FILE | TOTAL |
|--|------------|---------|
| | ENTRY | SESSION |
| | _0 .21 | _0 .21 |

FILE 'REGISTRY' ENTERED AT 13:49:09 ON 08 JUL 2008
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STRUCTURE FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4
DICTIONARY FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4

New CAS Information Use Policies; enter HELP.USAGETERMS for details.

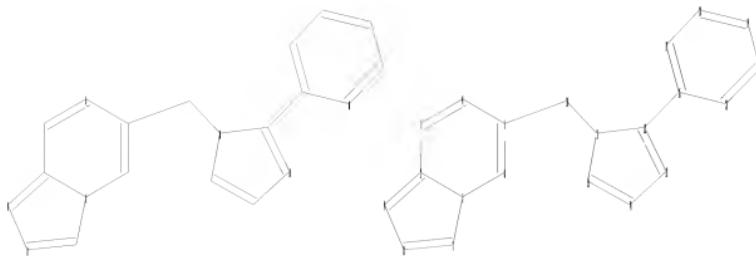
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10 series\10554153\1554153c.str



chain nodes :

10

ring nodes :

1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21

chain bonds :

5-10 10-11 12-16

ring bonds :

1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 11-12 11-15 12-13 13-14 14-15
16-17 16-21 17-18 18-19 19-20 20-21

exact/norm bonds :

1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 10-11 11-12 11-15 12-13 13-14
14-15

exact bonds :

5-10 12-16

normalized bonds :

16-17 16-21 17-18 18-19 19-20 20-21

Match level :

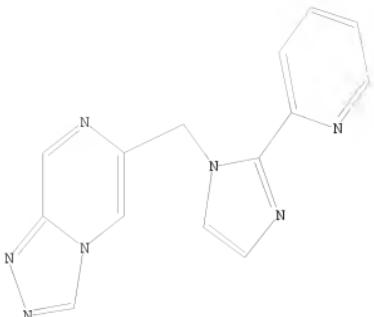
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11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 20 TO ITERATE
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| | | |
|-----------------------|---------------|-----------|
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| SEARCH TIME: 00.00.01 | | |

| | |
|------------------------|---------------------|
| FULL FILE PROJECTIONS: | ONLINE **COMPLETE** |
| | BATCH **COMPLETE** |
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| PROJECTED ANSWERS: | 0 TO 0 |

L2 0 SEA SSS SAM L1

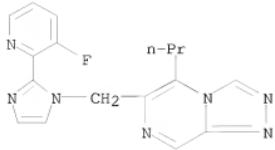
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FULL SCREEN SEARCH COMPLETED - 416 TO ITERATE
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L3 4 SEA SSS FUL L1

=> d scan

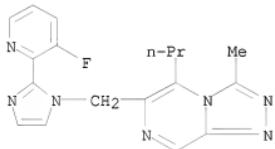
| | |
|---|------------------------------------|
| L3 4 ANSWERS | REGISTRY COPYRIGHT 2008 ACS on STN |
| IN 1,2,4-Triazolo[4,3-a]pyrazine, 6-[(2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl)methyl]-5-propyl- | |
| MF C17 H16 F N7 | |



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

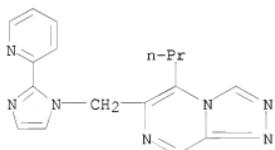
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L3 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 1,2,4-Triazolo[4,3-a]pyrazine, 6-[(2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl)methyl]-3-methyl-5-propyl-
MF C18 H18 F N7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

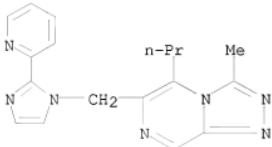
L3 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 1,2,4-Triazolo[4,3-a]pyrazine, 5-propyl-6-[(2-(2-pyridinyl)-1H-imidazol-1-yl)methyl]-
MF C17 H17 N7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 4 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 1,2,4-Triazolo[4,3-a]pyrazine, 3-methyl-5-propyl-6-[(2-(2-pyridinyl)-1H-

MF imidazol-1-yl)methyl] -
C18 H19 N7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

| => file caplus | | SINCE FILE | TOTAL |
|----------------------|--|------------|---------|
| COST IN U.S. DOLLARS | | ENTRY | SESSION |
| FULL ESTIMATED COST | | 179.28 | 179.49 |

FILE 'CAPLUS' ENTERED AT 13:50:53 ON 08 JUL 2008
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FILE COVERS 1907 - 8 Jul 2008 VOL 149 ISS 2
FILE LAST UPDATED: 7 Jul 2008 (20080707/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 13
L4 1 L3

=> d 14 ibib abs hitstr

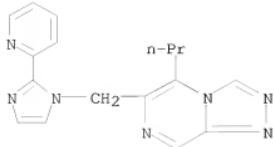
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:1074092 CAPLUS
 DOCUMENT NUMBER: 142:49241
 TITLE: Substituted imidazolopyrazine and triazolopyrazine derivative GABAA receptor ligands, their preparation, pharmaceutical compositions, and therapeutic use
 INVENTOR(S): Xu, Yuelian; Han, Bingsong; Xie, Linghong
 PATENT ASSIGNEE(S): Neurogen Corporation, USA
 SOURCE: PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 2004107863 | A1 | 20041216 | WO 2004-US13778 | 20040503 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JE, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG | | | | |
| CA 2524376 | A1 | 20041216 | CA 2004-2524376 | 20040503 |
| EP 1619948 | A1 | 20060201 | EP 2004-751255 | 20040503 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| JP 2007501272 | T | 20070125 | JP 2006-532554 | 20040503 |
| US 20060247245 | A1 | 20061102 | US 2005-554153 | 20051020 |
| PRIORITY APPLN. INFO.: | | | US 2003-468073P | P 20030505 |
| | | | WO 2004-US13778 | W 20040503 |

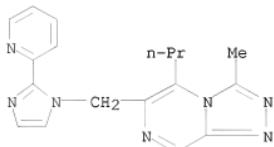
OTHER SOURCE(S): MARPAT 142:49241
 AB Imidazolopyrazine and triazolopyrazine derivs. (preparation described) are provided which may be used to modulate ligand binding to GABAA receptors in vivo or in vitro, and are particularly useful in the treatment of a variety of central nervous system (CNS) disorders in humans, domesticated companion animals, and livestock animals. The compds. of the invention may be administered alone or in combination with one or more other CNS agents to potentiate the effects of the other CNS agent(s). Pharmaceutical compns. and methods for treating such disorders are provided, as are methods for using such ligands for detecting GABAA receptors (e.g., receptor localization studies).

IT 808138-77-4P 808138-85-4P
 RL: BUU (Biological use, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (imidazolopyrazine and triazolopyrazine derivative GABAA receptor ligands, preparation, pharmaceutical compns., and therapeutic use)
 RN 808138-77-4 CAPLUS
 CN 1,2,4-Triazolo[4,3-a]pyrazine, 5-propyl-6-[{2-(2-pyridinyl)-1H-imidazol-1-yl}methyl]- (CA INDEX NAME)



RN 808138-85-4 CAPLUS

CN 1,2,4-Triazolo[4,3-a]pyrazine, 3-methyl-5-propyl-6-((2-(2-pyridinyl)-1H-imidazol-1-yl)methyl)- (CA INDEX NAME)



REFERENCE COUNT:

1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

| => log hold
COST IN U.S. DOLLARS | SINCE FILE
ENTRY | TOTAL
SESSION |
|--|---------------------|------------------|
| FULL ESTIMATED COST | 6.41 | 185.90 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE
ENTRY | TOTAL
SESSION |
| CA SUBSCRIBER PRICE | -0.80 | -0.80 |

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:52:18 ON 08 JUL 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAJHM1624

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 15:42:03 ON 08 JUL 2008
FILE 'CAPLUS' ENTERED AT 15:42:03 ON 08 JUL 2008
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| COST IN U.S. DOLLARS | SINCE FILE
ENTRY | TOTAL
SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST | 6.41 | 185.90 |

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| CA SUBSCRIBER PRICE | -0.80 | -0.80 |
|
=> file registry | | |
| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
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|
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -0.80 | -0.80 |

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STRUCTURE FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4
 DICTIONARY FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

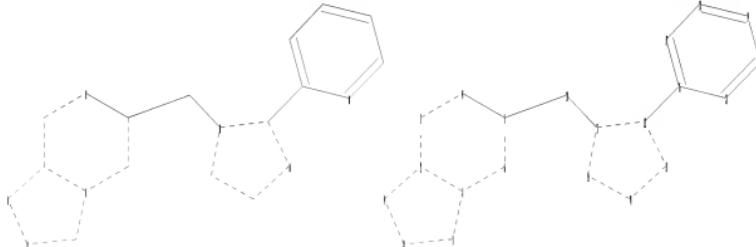
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
 Uploading C:\Program Files\Stnexp\Queries\10 series\10554153\1554153d.str



chain nodes :

10

ring nodes :

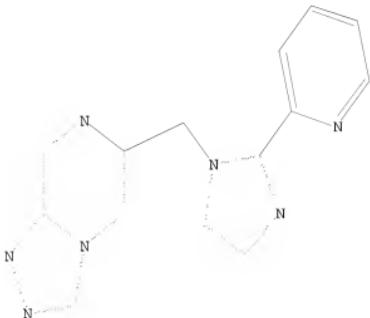
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21

chain bonds :
5-10 10-11 12-16
ring bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 11-12 11-15 12-13 13-14 14-15
16-17 16-21 17-18 18-19 19-20 20-21
exact/norm bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 10-11 11-12 11-15 12-13 13-14
14-15
exact bonds :
5-10 12-16
normalized bonds :
16-17 16-21 17-18 18-19 19-20 20-21

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom

L5 STRUCTURE UPLOADED

=> d 15
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15
SAMPLE SEARCH INITIATED 15:43:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 132 TO 668
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 full
FULL SEARCH INITIATED 15:43:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 416 TO ITERATE

100.0% PROCESSED 416 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

L7 4 SEA SSS FUL L5

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 178.36 365.22

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -0.80

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FILE COVERS 1907 - 8 Jul 2008 VOL 149 ISS 2
FILE LAST UPDATED: 7 Jul 2008 (20080707/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 17
L8 1 L7

=> d 18

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:1074092 CAPLUS
DN 142:49241
TI Substituted imidazolopyrazine and triazolopyrazine derivative GABAA receptor ligands, their preparation, pharmaceutical compositions, and therapeutic use
IN Xu, Yuelian; Han, Bingsong; Xie, Linghong
PA Neurogen Corporation, USA
SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| PI WO 2004107863 | A1 | 20041216 | WO 2004-US13778 | 20040503 |
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CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG | | | | |
| CA 2524376 | A1 | 20041216 | CA 2004-2524376 | 20040503 |
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| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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| JP 2007501272 | T | 20070125 | JP 2006-532554 | 20040503 |
| US 20060247245 | A1 | 20061102 | US 2005-554153 | 20051020 |
| PRAI US 2003-468073P | P | 20030505 | | |
| WO 2004-US13778 | W | 20040503 | | |
| OS MARPAT 142:49241 | | | | |

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

| | | | | |
|--|------------|---------|--|--|
| => log hold | | | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL | | |
| FULL ESTIMATED COST | ENTRY | SESSION | | |
| | 1.69 | 366.91 | | |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL | | |
| CA SUBSCRIBER PRICE | ENTRY | SESSION | | |
| | 0.00 | -0.80 | | |

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 15:44:01 ON 08 JUL 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAJHM1624

PASSWORD:
* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 15:45:00 ON 08 JUL 2008
FILE 'CAPLUS' ENTERED AT 15:45:00 ON 08 JUL 2008
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| | | | |
|----------------------|------------|---------|--|
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL | |
| FULL ESTIMATED COST | ENTRY | SESSION | |
| | 1.69 | 366.91 | |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | | SINCE FILE ENTRY | TOTAL SESSION |
|--|--|------------------|---------------|
| CA SUBSCRIBER PRICE | | 0.00 | -0.80 |
| => file registry | | | |
| COST IN U.S. DOLLARS | | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST | | 1.69 | 366.91 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | | 0.00 | -0.80 |

FILE 'REGISTRY' ENTERED AT 15:45:09 ON 08 JUL 2008
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4
 DICTIONARY FILE UPDATES: 7 JUL 2008 HIGHEST RN 1032964-85-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

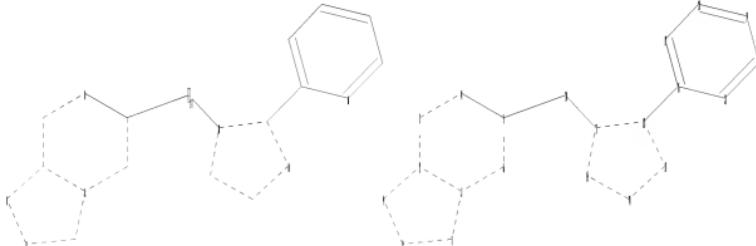
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
 Uploading C:\Program Files\Stnexp\Queries\10 series\10554153\1554153e.str



chain nodes :
 10
 ring nodes :
 1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21
 chain bonds :

```

5-10 10-11 12-16
ring bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 11-12 11-15 12-13 13-14 14-15
16-17 16-21 17-18 18-19 19-20 20-21
exact/norm bonds :
1-2 1-6 1-7 2-3 2-9 3-4 4-5 5-6 7-8 8-9 10-11 11-12 11-15 12-13 13-14
14-15
exact bonds :
5-10 12-16
normalized bonds :
16-17 16-21 17-18 18-19 19-20 20-21

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom

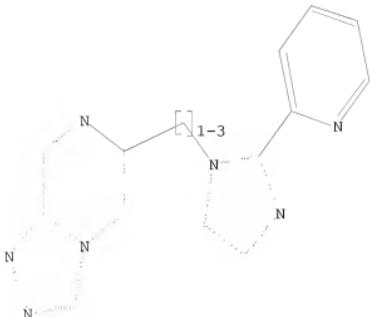
```

L9 STRUCTURE UPLOADED

```

=> d 19
L9 HAS NO ANSWERS
L9                    STR

```



Structure attributes must be viewed using STN Express query preparation.

```

=> s 19 full
FULL SEARCH INITIATED 15:45:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -            12 TO ITERATE

```

| | | |
|-----------------------|---------------|-----------|
| 100.0% PROCESSED | 12 ITERATIONS | 4 ANSWERS |
| SEARCH TIME: 00.00.01 | | |

L10 4 SEA SSS FUL L9

| | | |
|----------------------|------------------|---------------|
| => log hold | SINCE FILE ENTRY | TOTAL SESSION |
| COST IN U.S. DOLLARS | | |

| | | |
|--|---------------------|------------------|
| FULL ESTIMATED COST | 178.36 | 545.27 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE
ENTRY | TOTAL
SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -0.80 |

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 15:45:45 ON 08 JUL 2008